



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: LUDWIG et al.

SERIAL NO: 09/825,234

FILED: April 3, 2001

FOR: Modular Business Transactions Platform

DOCKET: BTI 01.01D

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In connection with the above-entitled matter, Applicants hereby proffer U.S. Patent Office Form PTO-1449, including copies of the references listed therein. The claims in the present application are believed to be patentably distinguished over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

Respectfully submitted,

07/13/2001 SSANDORA 00000010 09825234

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100.00 GP

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on \_\_\_\_\_ at \_\_\_\_\_.

By: \_\_\_\_\_

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JUL 12 2001

PATENT & TRADEMARK OFFICE

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,173,272	1/9/01	THOMAS ET AL.	705	42	
	6,202,066	3/13/01	BARKLEY ET AL.	707	9	
	6,078,907	6/20/00	LAMM	705	40	
	5,710,887	1/20/98	CHELLIAH ET AL.	395	226	
	5,287,270	2/15/94	HARDY ET AL.	364	408	
	5,893,080	4/6/99	MCGURL ET AL.	705	40	
	5,884,325	3/16/99	BAUER ET AL.	707	201	
	5,978,780	11/2/99	WATSON	705	40	
	6,052,671	4/18/00	CROOKS ET AL.	705	34	
	6,035,285	3/7/00	SCHLECT ET AL.	705	30	
	5,007,084	4/9/91	MATERNA ET AL.	380	24	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	1,489,572	10/19/77	UK	G06F 15	20		
	2,191,640	11/29/96	CANADA				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Masich, Jeffrey L., <i>Improving Cash Flow and Streamlining Operations Through EDI</i> , Journal of Cash Management, January/February 1991, pgs. 13-16.
		Mooney, James E., <i>Getting Started in EDI: Chevron's approach</i> , Journal of Cash Management, NCCMA Conference 1991, pgs. 69-74.

EXAMINER

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	5,842,185	11/24/98	CHANCEY ET AL.	705	40	
	6,032,133	2/29/00	HILT ET AL.	705	40	
	5,383,113	1/17/95	KIGHT ET AL.	364	401	
	5,943,656	8/24/99	CROOKS ET AL.	705	30	
	5,727,249	3/10/98	POLLIN	705	40	
	5,873,072	2/16/99	KIGHT ET AL.	705	40	
	5,483,445	1/9/96	PICKERING	364	406	
	5,465,206	11/7/95	HILT ET AL.	364	406	
	5,677,955	10/14/97	DOGGETT ET AL.	380	24	
	5,699,528	12/16/97	HOGAN	395	240	
	5,963,925	10/5/99	KOLLING ET AL.	705	40	

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Knudson, Scott E.; Walton, Jack K., III; Young, Florence M.; <i>Business-to Business Payments and the Role of Financial Electronic Data Interchange</i> , Federal Reserve Bulletin, April 1994, pgs. 269-278.
		Moseley, Lonnie E.; Boodey, David M., <i>Mastering Microsoft Office 97</i> , Professional Edition, Second Edition, 1997, pgs. 1123/1124.

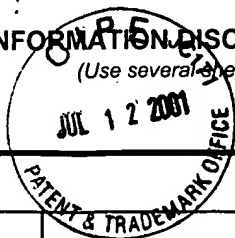
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	5,649,117	7/15/97	LANDRY	395	240	
	4,484,304	11/20/84	ANDERSON ET AL.	364	900	
	4,799,156	1/17/89	SHAVIT ET AL.	364	401	
	4,823,264	4/18/89	DEMING	364	408	
	5,111,395	5/5/92	SMITH ET AL.	364	408	
	5,121,945	6/16/92	THOMSON ET AL.	283	58	
	5,220,501	6/15/93	LAWLOR ET AL.	364	408	
	5,283,829	2/1/94	ANDERSON	380	24	
	3,573,747	4/6/71	ADAMS ET AL.	340	172.5	
	5,222,018	6/22/93	SHARPE ET AL.	364	406	
	3,688,276	8/29/72	QUINN	340	172.5	

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						YES	NO

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			An Overview of Electronic Bill Presentment and Payment Operating Models, prepared by the Business Practices Task Force of NACHA's Council for Electronic Billing and Payment, April 9, 1999, pgs. 1-12.

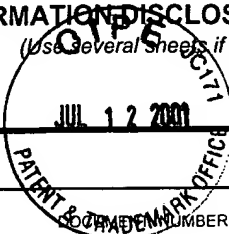
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	4,186,438	1/29/80	BENSON ET AL.	364	200	
	4,346,442	8/24/82	MUSMANNO	364	408	
	4,376,978	3/15/83	MUSMANNO	364	408	
	4,674,044	6/16/87	KALMUS ET AL.	364	408	
	4,677,552	6/30/87	SIBLEY, JR.	364	408	
	4,449,186	5/15/84	KELLY ET AL.	364	407	
	4,694,397	9/15/87	GRANT ET AL.	364	408	
	5,832,460	11/3/98	BEDNAR ET AL.	705	27	
	4,759,063	7/19/88	CHAUM	380	30	
	4,759,064	7/19/88	CHAUM	380	30	
	4,914,698	4/3/90	CHAUM	380	30	

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	4,947,430	8/7/90	CHAUM	380	25	
	4,926,480	5/15/90	CHAUM	380	23	
	4,949,380	8/14/90	CHAUM	380	30	
	4,987,593	1/22/91	CHAUM	380	3	
	4,991,210	2/5/91	CHAUM	380	30	
	5,956,700	9/21/99	LANDRY	705	40	
	4,996,711	2/26/91	CHAUM	380	30	
	5,131,039	7/14/92	CHAUM	380	23	
	5,884,288	3/16/99	CHANG ET AL.	705	40	
	5,276,736	1/4/94	CHAUM	380	24	
	5,367,624	11/22/94	COOPER	395	157	

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	5,373,558	12/13/94	CHAUM	380	23	
	5,424,938	6/13/95	WAGNER ET AL.	364	408	
	5,860,068	1/12/99	COOK	705	26	
	5,794,221	8/11/98	EGENDORF	705	40	
	4,713,761	12/15/87	SHARPE ET AL.	364	406	
	5,122,959	6/16/92	NATHANSON ET AL.	364	436	
	5,794,212	8/11/98	MISTR, JR.	705	26	
	5,953,706	9/14/99	PATEL	705	6	
	5,910,896	6/8/99	HAHN-CARLSON	364	479.01	
	5,899,982	5/4/99	RANDLE	705	35	
	5,864,827	1/26/99	WILSON	705	35	

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	6,044,362	3/28/00	NEELY	705	34	
	5,848,400	12/8/98	CHANG	705	35	
	5,712,789	1/27/98	RADICAN	364	478.14	
	5,326,959	7/5/94	PERAZZA	235	379	
	5,920,847	7/6/99	KOLLING ET AL.	705	40	

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<b>FEE TRANSMITTAL</b> <b>for FY 2001</b>  <i>Patent fees are subject to annual revision.</i>		<b>Complete if Known</b>		
		Application Number	09/825,234	
		Filing Date	4-3-01	
		First Named Inventor	Ludwig	
		Examiner Name		
		Group Art Unit		
TOTAL AMOUNT OF PAYMENT (\$)		180	Attorney Docket No.	BTI 01.010

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Technology Center 2100

<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																									
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 501 825 Deposit Account Name: Timothy P. O'Hagan <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>3. ADDITIONAL FEES</b>																																																																																																																									
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105 130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127 50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139 130</td><td>139 130</td><td>Non-English specification</td><td></td></tr><tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115 110</td><td>215 55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116 390</td><td>216 195</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117 890</td><td>217 445</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118 1,390</td><td>218 695</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128 1,890</td><td>228 945</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119 310</td><td>219 155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120 310</td><td>220 155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121 270</td><td>221 135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140 110</td><td>240 55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141 1,240</td><td>241 620</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142 1,240</td><td>242 620</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143 440</td><td>243 220</td><td>Design issue fee</td><td></td></tr><tr><td>144 600</td><td>244 300</td><td>Plant issue fee</td><td></td></tr><tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123 50</td><td>123 50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>126 180</td><td>126 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146 710</td><td>246 355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149 710</td><td>249 355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179 710</td><td>279 355</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169 900</td><td>169 900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="2">Other fee (specify) _____</td><td colspan="2">SUBTOTAL (3) (\$)</td></tr></tbody></table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105 130	205 65	Surcharge - late filing fee or oath		127 50	227 25	Surcharge - late provisional filing fee or cover sheet		139 130	139 130	Non-English specification		147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination		112 920*	112 920*	Requesting publication of SIR prior to Examiner action		113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		115 110	215 55	Extension for reply within first month		116 390	216 195	Extension for reply within second month		117 890	217 445	Extension for reply within third month		118 1,390	218 695	Extension for reply within fourth month		128 1,890	228 945	Extension for reply within fifth month		119 310	219 155	Notice of Appeal		120 310	220 155	Filing a brief in support of an appeal		121 270	221 135	Request for oral hearing		138 1,510	138 1,510	Petition to institute a public use proceeding		140 110	240 55	Petition to revive - unavoidable		141 1,240	241 620	Petition to revive - unintentional		142 1,240	242 620	Utility issue fee (or reissue)		143 440	243 220	Design issue fee		144 600	244 300	Plant issue fee		122 130	122 130	Petitions to the Commissioner		123 50	123 50	Processing fee under 37 CFR 1.17(q)		126 180	126 180	Submission of Information Disclosure Stmt		581 40	581 40	Recording each patent assignment per property (times number of properties)		146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))		149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))		179 710	279 355	Request for Continued Examination (RCE)		169 900	169 900	Request for expedited examination of a design application		Other fee (specify) _____		SUBTOTAL (3) (\$)	
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Timothy P. O'Hagan	Registration No. (Attorney/Agent)	39,319
Signature	<i>[Signature]</i>	Telephone	603-501-5248
		Date	7-8-01

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